

CLAIMS

What is claimed is:

5 1. A method of treating one of schizophrenia and schizoaffective disorder in a patient in need thereof, the method comprising administering an effective amount of secretin to the patient.

2. The method of claim 1, wherein the secretin is administered by intravenous, oral, intramuscular, sublingual, intra-articular, transdermal, subcutaneous, inhalation, or rectal administration.

10 3. The method of claim 1, wherein the secretin is chosen from the group consisting of human secretin, porcine secretin, and bovine secretin.

4. The method of claim 1, wherein the secretin is synthetic secretin, natural secretin, or recombinant secretin.

5. The method of claim 1, wherein the secretin is administered as a single bolus.

15 6. The method of claim 1, wherein the effective amount of secretin is administered with a transdermal carrier.

7. The method of claim 6, wherein the transdermal carrier comprises dimethyl sulfoxide (DMSO).

20 8. The method of claim 6, wherein the effective amount of secretin and the transdermal carrier are mixed and applied to the skin together.

9. The method of claim 6, wherein the effective amount of secretin and the transdermal carrier are applied to the skin separately.

25 10. The method of claim 6, wherein the transdermal carrier comprises a gel or a lotion.

11. The method of claim 1, wherein the secretin is transdermally administered with a patch to be applied to a portion of the skin of the individual.

30 12. The method of claim 1, wherein the secretin is administered in an amount ranging from about 1 to about 500 clinical units.

13. The method of claim 1, wherein the secretin is administered in an amount ranging from about 2 to about 200 clinical units.

14. The method of claim 1, wherein the secretin is administered in an amount ranging from about 75 to about 150 clinical units.

15. The method of claim 1, wherein the schizophrenia is refractory schizophrenia.

5 16. A method for treating an individual exhibiting one or more symptoms of one of schizophrenia and schizoaffective disorder, the method comprising administering to the individual an effective amount of secretin, wherein one or more symptoms of one of schizophrenia and schizoaffective disorder are improved.

10 17. The method of claim 16, wherein the secretin is administered by intravenous, oral, sublingual, intramuscular, intra-articular, transdermal, subcutaneous, inhalation, or rectal administration.

15 18. The method of claim 16, wherein the secretin is chosen from the group consisting of human secretin, porcine secretin, and bovine secretin.

19. The method of claim 16, wherein the secretin is synthetic secretin, natural secretin, or recombinant secretin.

20. The method of claim 16, wherein the secretin is administered as a single bolus.

20 21. The method of claim 16, wherein the effective amount of secretin is administered with a transdermal carrier.

22. The method of claim 21, wherein the transdermal carrier comprises dimethyl sulfoxide (DMSO).

25 23. The method of claim 21, wherein the effective amount of secretin and the transdermal carrier are mixed and applied to the skin together.

24. The method of claim 21, wherein the effective amount of secretin and the transdermal carrier are applied to the skin separately.

30 25. The method of claim 21, wherein the transdermal carrier comprises a gel or a lotion.

26. The method of claim 16, wherein the secretin is transdermally administered with a patch to be applied to a portion of the skin of the individual.

27. The method of claim 16, wherein the secretin is administered in an amount ranging from about 1 to about 500 clinical units.

28. The method of claim 16, wherein the secretin is administered in an amount ranging from about 2 to about 200 clinical units.

5 29. The method of claim 16, wherein the secretin is administered in an amount ranging from about 75 to about 150 clinical units.

10 30. The method of claim 16, wherein the symptom is selected from the group consisting of positive symptoms, negative symptoms, affective symptoms, neurocognitive symptoms, social dysfunction, behavioral disorders and disorganized, compulsive, impulsive or repetitive behaviors.

31. The method of claim 30, wherein the positive symptoms are selected from the group consisting of active delusions, hallucinations, thought disorder, disorganized thinking and agitation.

15 32. The method of claim 30, wherein the negative symptoms are selected from the group consisting of lack of drive, lack of initiative, social withdrawal, apathy, emotional unresponsiveness impaired social relations, affective flattening, alogia and avolition.

33. The method of claim 16, wherein the schizophrenia is refractory schizophrenia.

20 34. A method of treating a schizophreniform disorder in a patient in need thereof, the method comprising administering an effective amount of secretin to the patient.

25 35. A method for treating an individual exhibiting one or more symptoms of a schizophreniform disorder, the method comprising administering to the individual an effective amount of secretin, wherein one or more symptoms of one of the schizophreniform disorder are improved.